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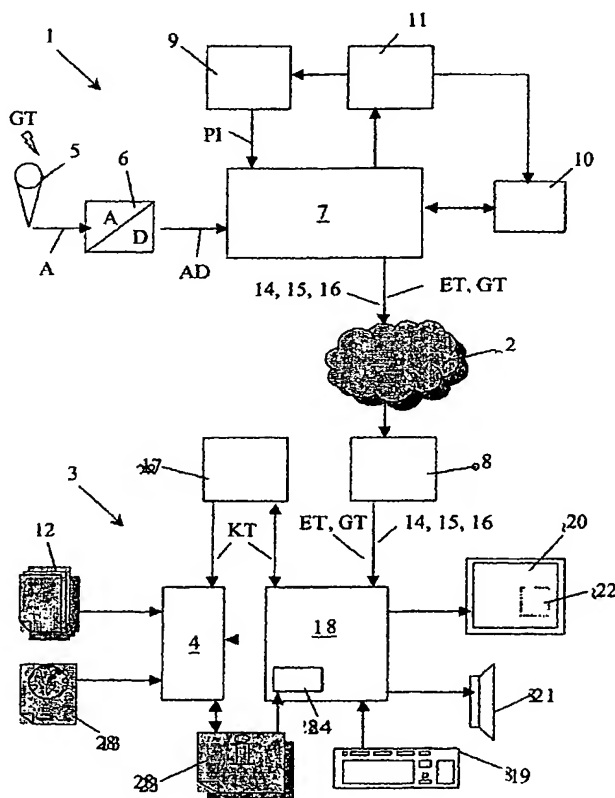
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AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
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GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
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MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
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[Continued on next page]

(54) Title: **SYSTEM FOR SPEECH RECOGNITION AND CORRECTION, CORRECTION DEVICE AND METHOD FOR CREATING A LEXICON OF ALTERNATIVES**



(57) Abstract: In a speech recognition and correction system which comprises at least one speech recognition device (1) to which a spoken text (GT) can be fed, it being possible for said spoken text to be transcribe into a recognized text (ET), and a correction device (3) for correcting the text (ET) recognized by the at least one speech recognition device (1), said correction device being connected to the at least one speech recognition device (1) via a data network (2) for the transmission of the recognized text (ET) and where appropriate of the spoken text (GT), the correction device (3) has a lexicon of alternatives (23) which contains word parts, words and word sequences that can be displayed (22) by the correction device (3) as alternatives to individual word parts, words and word sequences of the recognized text.

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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050297

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G10L15/26 G06F17/27

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G10L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/31634 A (QENM COM INC) 3 May 2001 (2001-05-03)	1
Y	abstract page 2, line 7 - line 20 page 3, line 25 - line 34 page 7, line 1 - line 6 page 13, line 4 - line 8 page 14, line 4 - line 8 page 15, line 17 - line 31 claims 1,2,12,13 ----- -/-	6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

8 July 2004

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Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2004/050297

## Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-6

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6

Speech recognition and correction system comprising a speech recognizer and a correction device connected via a data network, in which the correction device displays alternatives to passages of the recognized text.

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2. claims: 7-16

Method of creating a lexicon of alternatives.

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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050297

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 836 144 A (MICROSOFT CORP) 15 April 1998 (1998-04-15)	2-5
Y	abstract column 4, line 12 - line 38 column 5, line 27 - line 53 column 6, line 55 - column 7, line 8 column 7, line 30 - line 37 column 11, line 3 - line 6	6
A	----- US 2002/002459 A1 (LEWIS ET AL) 3 January 2002 (2002-01-03) abstract page 4, paragraphs 42,45 page 5, paragraph 49 page 7, paragraph 69 -----	1-6

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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